

Title (en)
HOLLOW MICROSPHERES MADE OF GLASS AND METHOD FOR THEIR PREPARATION

Title (de)
MIKROHOHLKUGELN AUS GLAS UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
MICROSPHÈRES CREUSES DE VERRE ET LEUR PROCÉDÉ DE FABRICATION

Publication
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Application
EP 18200866 A 20181017

Priority
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Abstract (en)
[origin: CA3022738A1] Hollow glass microspheres (M) and a method for producing them are specified. According to the method, an aqueous suspension is prepared of starting materials comprising finely ground glass and waterglass. Combustible particles (G) are produced from the suspension and are mixed with a pulverulent release agent (T). The mixture of combustible particles (G) and release agent (T) is introduced into a firing chamber (21,41) of a furnace (6,40) where it is expanded at a firing temperature which exceeds the softening temperature of the finely ground glass, to form the hollow microspheres (M). The release agent (T) comprises Al(OH)₃ and dehydroxylated kaolin.

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